(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 24 February 2005 (24.02.2005)

PCT

(10) International Publication Number WO 2005/016337 A1

(51) International Patent Classification⁷: A61P 9/10, 9/12

A61K 31/407.

(21) International Application Number:

PCT/NZ2004/000184

- (22) International Filing Date: 13 August 2004 (13.08.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

527607

15 August 2003 (15.08.2003) NZ

- (71) Applicant (for all designated States except US): AGRE-SEARCH LIMITED [NZ/NZ]; East Street, Ruakura Campus, Hamilton (NZ).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DALZIEL, Julie, Eleanor [NZ/NZ]; 11/109 Te Awe Awe Street, Palmerston North (NZ). DUNLOP, James [NZ/NZ]; 4 Sharon Place, Palmerston North (NZ). MUNDAY-FINCH, Sarah, Christine [NZ/NZ]; 20 Greenough Place, Hamilton (NZ).

- (74) Agents: WILSON, Kathryn, S. et al.; James & Wells Tower, Level 9, 56 Cawley Street, Private Bag, 11907 Auckland (NZ).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, H, H, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: CHANNEL BLOCKING COMPOUNDS

(57) Abstract: The invention relates to compositions and associated methods and uses that contain lolitrem compounds containing the moiety shown in structure (I) or derivatives thereof for ion channel antagonist applications, particularly BK channel antagonist applications. Preferred compounds include lolitrem B, 31-apilolitrem B, lolitriol and lolitrem E. For lolitrem B, a particularly strong and long acting blocking effect is identified.

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